MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2015/2016 SESSION

TIS2151/TWT1261 – WEB APPLICATION DEVELOPMENT / WEB TECHNIQUES AND APPLICATIONS

(All sections / Groups)

31 MAY 2016
2.30 p.m – 5.30 p.m
(3 Hours)

INSTRUCTIONS TO STUDENTS

1. This question paper consists of 4 pages with 5 Questions only.

2. Attempt **FOUR** out of FIVE questions. All questions carry equal marks and the distribution of the marks for each question is given. If you answer all FIVE questions, only the first **FOUR** will be marked.

3. Please print all your answers in the answer booklet for each questions answered.

Question 1

a) State three protocols used in the Internet. Briefly explain each of them.

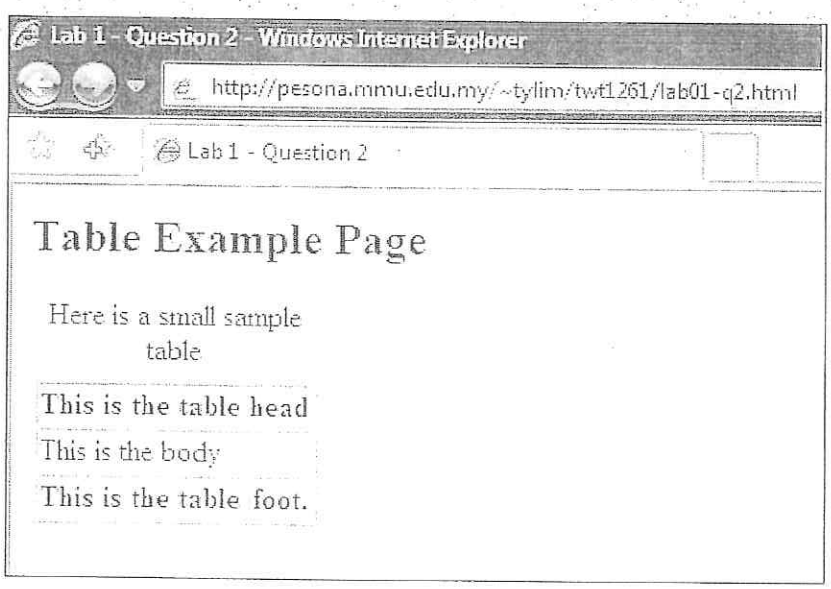
[3 marks]

b) What is the difference and similarity between HTML radio button and HTML check box?

[2 marks]

c) Write the HTML code for the following web page.

[5 marks]


Lab 1 - Question 2 - Windows Internet Explorer
http://pesona.mmu.edu.my/~tylim/twt1261/lab01-q2.html
Lab 1 - Question 2
Table Example Page
Here is a small sample table
This is the table head
This is the body
This is the table foot.

Continued.....

Question 2

a) Which type of CSS stylesheet has the highest precedence when two or more CSS stylesheets are included in one HTML document?

[1 mark]

b) What is the difference between the following styles define in CSS stylesheets?

[2 marks]

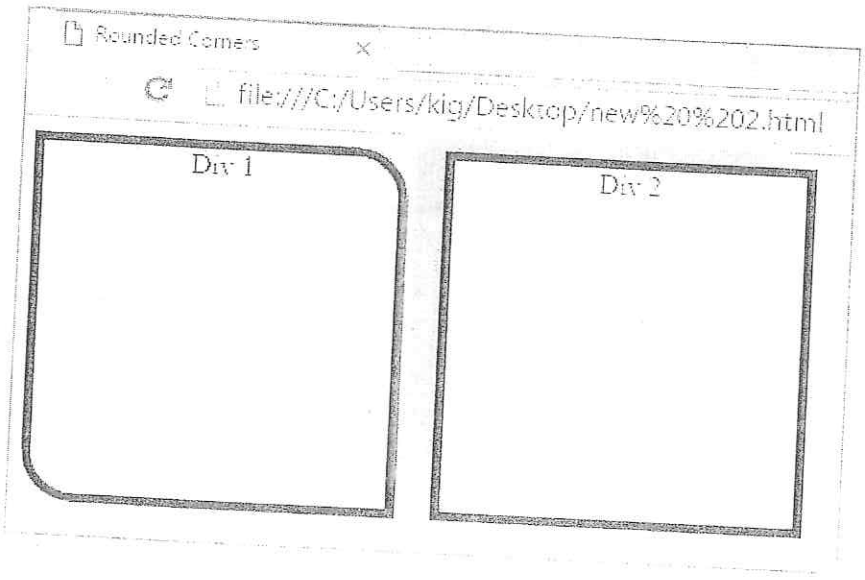
- p.em {color:blue}
- p em {color:yellow}

c) Using CSS and HTML, write the code to create the following 2 div elements, each with a width of 200px and height of 200px, with the right margin of 20px.

On the first div, create the 30px rounded corners on the top right and bottom left corners and set the background to light blue.

On the second div, add a grey shadow with blur radius of 10px and horizontal and vertical offsets of -20px.

[7 marks]



Continued.....

Question 3

a) What is the difference between client side scripting and server side scripting?

[2 marks]

b) Let's say we want to validate a HTML form value and insert the value to a database. Should we use client side scripting or server side scripting? Justify your answer.

[2 marks]

c) Write a user side script (javascript) that finds the smallest of several non-negative integers. Assume that the first value read specifies the number of values to be input from the user.

[6 marks]

Question 4

a) Write SQL statements to create database 'user_info', table 'user', and two columns that store 'username' and 'password'.

[4 marks]

b) Write an SQL statement to insert value for the username and password into the table created in Question 4 (a).

[2 marks]

c) Write a PHP code to validate a username and password key in by user with the username and password stored in database created in Question 4 (a).

[4 marks]

Continued.....

Question 5

a) What is the main purpose of using wireframe?

[2 marks]

b) Name the three components of a skeleton plan and explain each of them.

[3 marks]

c) Design the workflow for a flight ticket booking using wireframe.

[5 marks]

End of Page.